

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	114	(tap\$7) same (noise\$2) same ((loss\$2 or fault\$2 or break\$7 or cut\$7 or fail\$7 or disconnect\$7) with (fiber\$2 or fibre\$2 or waveguide\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 10:56
S2	29	(tap\$7) same (noise\$2) same ((loss\$2 or fault\$2 or break\$7 or cut\$7 or fail\$7 or disconnect\$7) with (fiber\$2 or fibre\$2 or waveguide\$2)) same (amplif\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/28 15:45
S3	357	(detect\$7 or tap\$7) and ((loss\$2 or fault\$2 or break\$7 or cut\$7 or fail\$7 or disconnect\$7) with (fiber\$2 or fibre\$2 or waveguide\$2)) and ((turn\$7 or shut\$7 or clos\$7) with amplif\$7) and (gain adj control\$7) and (ASE or noise\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/03 11:58
S4	165	S3 and @py<="2003"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/28 18:58
S5	382	((feed adj forward) or (feed-forward)) same (ASE or noise\$2) same (amplif\$7 or EDFA)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/28 18:06
S6	208	S5 and @py<="2003"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/28 18:06
S7	160	(detect\$7 or tap\$7) and ((loss\$2 with (fiber\$2 or fibre\$2 or waveguide\$2)) with (ASE or noise\$2)) and ((turn\$7 or shut\$7 or clos\$7) with amplif\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/28 19:59
S8	82	S7 and @py<="2003"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/28 20:11
S9	16	(stor\$7 with ((ASE) and (pump\$7))) and ((turn\$7 or shut\$7 or clos\$7) with (amplif\$7 or EDFA))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/28 19:29
S10	41	(stor\$7 with ((ASE) and (pump\$7)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/28 19:36

## EAST Search History

S11	107	"398"/\$.ccls. and ((detect\$7 or tap\$7) and ((loss\$2 or fault\$2 or break\$7 or cut\$7 or fail\$7 or disconnect\$7) with (fiber\$2 or fibre\$2 or waveguide\$2)) and ((turn\$7 or shut\$7 or clos\$7) with amplif\$7) and (gain adj control\$7) and (ASE or noise\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/28 20:11
S12	48	S11 and @py<="2003"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/28 20:38
S13	117	((loss\$7 with signal) same ((turn\$7 or shut\$7 or clos\$7) with amplif\$7)) and ((operat\$7 or geneart\$7) with (ASE or noise\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 18:16
S14	86	S13 and @py<="2003"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/28 20:52
S15	4	((operat\$7 or generat\$7) with (ASE or noise\$2)) same ((loss\$2 or fault\$2 or break\$7 or cut\$7 or fail\$7 or disconnect\$7) with (fiber\$2 or fibre\$2 or waveguide\$2)) same ((turn\$7 or shut\$7 or clos\$7) with amplif\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/28 21:00
S16	278	((operat\$7 or generat\$7) with (ASE or noise\$2)) same ((loss\$2 or fault\$2 or break\$7 or cut\$7 or fail\$7 or disconnect\$7) with (fiber\$2 or fibre\$2 or waveguide\$2)) same (amplif\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 15:55
S17	158	S16 and @py<="2003"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 13:48
S19	1	("6504630").PN.	USPAT; USOCR	OR	OFF	2007/11/29 10:24
S20	1	("6359708").PN.	USPAT; USOCR	OR	OFF	2007/11/29 10:24
S21	19	("6504630").URPN.	USPAT	OR	OFF	2007/11/29 10:41
S22	6	("6681079").URPN.	USPAT	OR	OFF	2007/11/29 10:34
S26	1	("6681079").PN.	USPAT; USOCR	OR	OFF	2007/11/29 10:36
S27	1	S26 and (shut\$7)	USPAT	OR	OFF	2007/11/29 10:36

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S29	76	Onetta.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 10:54
S31	36	S29 and ((amplif\$7 adj spontaneous adj emission\$2) or ASE or noise\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/03 11:58
S32	230	Corvis.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 10:54
S33	99	S32 and ((amplif\$7 adj spontaneous adj emission\$2) or ASE or noise\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 10:54
S35	21	((pump\$7 adj laser) with ((amplif\$7 adj spontaneous adj emission\$2) or ASE or noise\$2)) same ((loss\$2 or fault\$2 or break\$7 or cut\$7 or fail\$7 or disconnect\$7) with (fiber\$2 or fibre\$2 or waveguide\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 13:37
S36	453	((output\$7) with (ASE or noise\$2)) same ((loss\$2 or fault\$2 or break\$7 or cut\$7 or fail\$7 or disconnect\$7) with (fiber\$2 or fibre\$2 or waveguide\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 14:34
S37	275	S36 and @py<="2003"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 14:11
S38	28	398/92.ccls. and (((operat\$7 or generat\$7) with (ASE or noise\$2)) and ((loss\$2 or fault\$2 or break\$7 or cut\$7 or fail\$7 or disconnect\$7) with (fiber\$2 or fibre\$2 or waveguide\$2)) and (amplif\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/03 11:56
S39	28	398/97.ccls. and (((operat\$7 or generat\$7) with (ASE or noise\$2)) and ((loss\$2 or fault\$2 or break\$7 or cut\$7 or fail\$7 or disconnect\$7) with (fiber\$2 or fibre\$2 or waveguide\$2)) and (amplif\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 13:57
S40	12	398/173.ccls. and (((operat\$7 or generat\$7) with (ASE or noise\$2)) and ((loss\$2 or fault\$2 or break\$7 or cut\$7 or fail\$7 or disconnect\$7) with (fiber\$2 or fibre\$2 or waveguide\$2)) and (amplif\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 13:58

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S41	32	398/82.ccls. and (((operat\$7 or generat\$7) with (ASE or noise\$2)) and ((loss\$2 or fault\$2 or break\$7 or cut\$7 or fail\$7 or disconnect\$7) with (fiber\$2 or fibre\$2 or waveguide\$2)) and (amplif\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 13:58
S42	33	398/158.ccls. and (((operat\$7 or generat\$7) with (ASE or noise\$2)) and ((loss\$2 or fault\$2 or break\$7 or cut\$7 or fail\$7 or disconnect\$7) with (fiber\$2 or fibre\$2 or waveguide\$2)) and (amplif\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 13:58
S43	23	398/160.ccls. and (((operat\$7 or generat\$7) with (ASE or noise\$2)) and ((loss\$2 or fault\$2 or break\$7 or cut\$7 or fail\$7 or disconnect\$7) with (fiber\$2 or fibre\$2 or waveguide\$2)) and (amplif\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 13:59
S44	21	398/157.ccls. and (((operat\$7 or generat\$7) with (ASE or noise\$2)) and ((loss\$2 or fault\$2 or break\$7 or cut\$7 or fail\$7 or disconnect\$7) with (fiber\$2 or fibre\$2 or waveguide\$2)) and (amplif\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 13:59
S45	44	398/177.ccls. and (((operat\$7 or generat\$7) with (ASE or noise\$2)) and ((loss\$2 or fault\$2 or break\$7 or cut\$7 or fail\$7 or disconnect\$7) with (fiber\$2 or fibre\$2 or waveguide\$2)) and (amplif\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 13:59
S46	1	Tougo with Fukushi	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 14:02
S47	16	Hideaki with Sugiya	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 14:04
S48	79	359/337.12.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 14:05
S49	167	398/83.ccls. and ((amplif\$7 adj spontaneous adj emission\$2) or ASE or noise\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 14:07
S50	128	398/92.ccls. and ((amplif\$7 adj spontaneous adj emission\$2) or ASE or noise\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 14:09

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S51	39	398/83.ccls. and (((operat\$7 or generat\$7) with (ASE or noise\$2)) and ((loss\$2 or fault\$2 or break\$7 or cut\$7 or fail\$7 or disconnect\$7) with (fiber\$2 or fibre\$2 or waveguide\$2)) and (amplif\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 14:08
S52	117	398/97.ccls. and ((amplif\$7 adj spontaneous adj emission\$2) or ASE or noise\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 14:15
S53	66	398/173.ccls. and ((amplif\$7 adj spontaneous adj emission\$2) or ASE or noise\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 14:10
S54	244	398/82.ccls. and ((amplif\$7 adj spontaneous adj emission\$2) or ASE or noise\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 14:10
S55	196	398/158.ccls. and ((amplif\$7 adj spontaneous adj emission\$2) or ASE or noise\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 14:10
S56	67	398/160.ccls. and ((amplif\$7 adj spontaneous adj emission\$2) or ASE or noise\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 14:11
S57	99	398/157.ccls. and ((amplif\$7 adj spontaneous adj emission\$2) or ASE or noise\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 14:11
S58	153	398/177.ccls. and ((amplif\$7 adj spontaneous adj emission\$2) or ASE or noise\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 14:11
S59	53	S48 and @py<="2003"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 14:14
S60	1	("6639716").PN.	USPAT; USOCR	OR	OFF	2007/11/29 14:15
S61	1	S60 and ((amplif\$7 adj spontaneous adj emission\$2) or ASE or noise\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 14:15
S62	1	S60 and ((loss\$2 or fault\$2 or break\$7 or cut\$7 or fail\$7 or disconnect\$7) with (fiber\$2 or fibre\$2 or waveguide\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 14:35

## EAST Search History

S63	1	S60 and ((turn\$7 or shut\$7 or clos\$7) with amplif\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 14:37
S64	3	("6639716").URPN.	USPAT	OR	OFF	2007/11/29 14:38
S65	2	"20030231376" and ((detect\$7 or tap\$7) and ((loss\$2 or fault\$2 or break\$7 or cut\$7 or fail\$7 or disconnect\$7) with (fiber\$2 or fibre\$2 or waveguide\$2)) and (ASE or noise\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 15:45
S66	158	((operat\$7 or generat\$7 or output\$7) with (ASE or noise\$2)) same ((loss\$2 or fault\$2 or break\$7 or cut\$7 or fail\$7 or disconnect\$7) with (fiber\$2 or fibre\$2 or waveguide\$2))) and ((tap\$7 or detect\$7) with (optic\$7 with power))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/30 11:10
S67	68	S66 and @py<="2003"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 18:08
S68	102	(calculat\$7 with (ASE with amplif\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 19:00
S69	230	((shut\$7 or clos\$7) with (amplif\$7 or EDFA)) and (speed\$2 with amplif\$7) and (speed\$2 with ((gain adj control\$7) or AGC))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 19:53
S70	162	S69 and @py<="2003"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 19:12
S71	3	(speed near amplif\$7) same (speed near ((gain adj control\$7) or AGC))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 19:48
S72	16	((shut\$7 or clos\$7) with (amplif\$7 or EDFA)) same (speed\$2 near ((gain adj control\$7) or AGC))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 20:09
S73	27	((shut\$7 or clos\$7) with (amplif\$7 or EDFA)) same (response near ((gain adj control\$7) or AGC))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 20:18

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S74	4	(gain adj transient) same (respon\$7 near ((gain adj control\$7) or AGC))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 20:24
S75	9	(pump\$7 near ASE) and ((detect\$7 or monitor\$7) with loss\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 20:43
S76	1	(pump\$7 near increas\$7 near ASE)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/29 20:45
S77	1	("6341034").PN.	USPAT; USOCR	OR	OFF	2007/11/29 20:47
S78	22	("6341034").URPN.	USPAT	OR	OFF	2007/11/29 20:50
S79	13	"6356386"	USPAT	OR	OFF	2007/11/29 20:50
S80	1	("6356386").PN.	USPAT; USOCR	OR	OFF	2007/11/29 20:52
S81	1	("6414788").PN.	USPAT; USOCR	OR	OFF	2007/11/29 20:52
S82	1	("6476961").PN.	USPAT; USOCR	OR	OFF	2007/11/29 20:52
S83	1	("6498677").PN.	USPAT; USOCR	OR	OFF	2007/11/29 20:53
S84	1	("6542287").PN.	USPAT; USOCR	OR	OFF	2007/11/29 20:53
S85	7	(pump\$7 with amplif\$7) same (increas\$7 with ASE) same ((loss\$2 or fault\$2 or break\$7 or cut\$7 or fail\$7 or disconnect\$7) with (fiber\$2 or fibre\$2 or waveguide\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/11/30 11:54
S86	0	((amplif\$7) and (add/drop or OADM) and (pump\$7) and (calculat\$7 with (signal adj power\$2)) and (detect\$7) and (ASE or (amplif\$7 adj spontaneous adj emission\$2) or noise\$2) and ((loss\$2 or fault\$2 or break\$7 or cut\$7 or fail\$7 or disconnect\$7) with (fiber\$2 or fibre\$2 or waveguide\$2))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/03 11:59

## EAST Search History

S87	30	(amplif\$7) and (add/drop or OADM) and (pump\$7) and (calculat\$7 with (signal adj power\$2)) and (detect\$7) and (ASE or (amplif\$7 adj spontaneous adj emission\$2) or noise\$2) and ((loss\$2 or fault\$2 or break\$7 or cut\$7 or fail\$7 or disconnect\$7) with (fiber\$2 or fibre\$2 or waveguide\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/03 12:00
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